ABSTRACT OF THE DISCLOSURE:

In a method and a unit for cleaning pieces contaminated with organic matter using a cleaning fluid, at least a part of the cleaning fluid circulates in a loop between a unit (1) for cleaning pieces, in which the cleaning fluid is charged with organic material on contacting the pieces and a processing unit in which living microorganisms biologically decompose the organic matter contained in the fluid leaving the cleaning unit (1). The method includes [[an]] at least partial sterilisation of at least a part of the cleaning fluid circulating in the installation, for limiting or preventing the presence of living microorganisms in the cleaning fluid serving the cleaning unit (1). The method and apparatus apply to the degreasing of pieces.